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(54) Title: **CORE 2 GLCNAC-T INHIBITORS**

(57) Abstract: The present invention relates to the use of known and novel compounds as inhibitors of UDP-GlcNAc:Gal $\beta$ 1,3GalNAc-R (GlcNAc to GalNAc)  $\beta$ 1,6-N-acetylglucosaminyl transferase (core 2  $\beta$ 1,6 N-acetylaminotransferase, core 2 GlcNAc-T -EC 2.4.1.102). Such inhibitors have applications in therapy for diseases associated with raised activity of core 2 GlcNAc-T, in particular inflammatory diseases, atherosclerosis, diabetic cardiomyopathy, cancers - including treatment or prevention of metastasis - or diabetic retinopathy.



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